

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application Serial No. .... 10/731,419  
Filing Date ..... December 9, 2003  
Inventor ..... Bejjani and Christensen  
Group Art Unit..... 1637  
Examiner ..... David C. Thomas  
Attorney's Docket No. .... SH1-0001US  
Confirmation No.....3921  
Title: Methods of Designing, Synthesizing, and Propagating Reference Nucleic  
Acids

**RESPONSE TO NON-FINAL OFFICE ACTION OF SEPTEMBER 27, 2007**

To: Commissioner of Patents and Trademarks  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

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## **INTRODUCTORY COMMENTS**

Applicant respectfully requests continued examination and entry of the following amendments and remarks contained herein. Applicant respectfully submits that the claims are in condition for allowance.

**A Statement of the Substance of the Examiner Interview** of January 16, 2008 begins on page 3 of this document.

**A Listing of Claims** begins on page 4 of this document.

**Remarks/Arguments** begin on page 11 of this document.

Claims 1-2, 4-5, 8-9, 11, 16, 21-23, 51-53, 71-72, and 74-80 were previously pending.

Please cancel claims 51-53, and 78-80.

Please amend claims 1, 4-5, 8-9, 11, 16, 71-72, and 75 as shown below.

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